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SNYDER BROS.

1 JAN 19 1925

## PRICE LIST FOR 1925

— OF —

THE LINN COUNTY

# Nurseries

SNYDER BROS., Inc.  
CENTER POINT, IOWA  
Established 1895



GROWERS OF  
EVERGREENS  
FRUIT TREES  
NUT TREES  
PEONIES  
IRIS

## FOREWORD

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**LOCATION.** Our nurseries are located on the Mississippi Valley Highway (Primary Road No. 11), just south of the C., R. I. & P. and W., C. F. & N. Stations, so are easily reached by rail or motor car.

**PACKING FACILITIES.** These consist of a clay block building 100 feet square, and none of our stock is handled outside. Boxes and bales are well papered and the roots protected with moist packing. Evergreens and large trees are dug only as they are sent out.

**GUARANTEE.** We exercise great care to keep our varieties true to name and are ready at any time upon satisfactory proof to replace any stock that may prove untrue, or to refund the amount paid for the same, but it is mutually agreed that we are not to be held liable for any amount greater than the original price paid for the stock.

**CONDITIONS.** All orders are accepted on condition that they shall be void should any injury befall the stock from hail, frost, fire, or other causes beyond our control. Deliveries are subject to delay by bad weather, bad roads, strikes, accidents, embargoes and causes beyond our control.

**TERMS** are cash on or before the delivery of the stock, unless previously otherwise agreed upon.

**CLAIMS** for errors or shortage must be made immediately upon the receipt of the stock.

**PRICES.** These prices are for the stock delivered at the customers' town only in case we are making a general delivery there; otherwise they are for the stock packed and delivered to the station here, except such things as can be sent by parcel post, in which case they will be prepaid within the second zone and within the third zone if the order consists of small fruit plants or other small plants.

These prices are subject to change or withdrawal on any variety or size, without notice, whenever our supply of that variety or size ready for this season is exhausted.

**VISITORS WELCOME.** Tree lovers find much satisfaction in seeing and selecting the stock they buy; we therefore take pleasure in inviting all interested in nursery stock to visit our nursery and inspect the stock.

Anyone wanting extra large and fine specimens of Evergreens or Shade Trees can select them at any time of the year. Anything thus selected will be tagged with the customers' name and delivered at the proper time.

**VARIETIES NOT LISTED IN THIS CATALOG.** We have some trees of many kinds not listed in this catalog. If you do not see what you want write us.

## THE LINN COUNTY NURSERIES

### APPLES

Apple trees should be planted 30x30 feet apart. They respond to good cultivation and care as freely as does corn or any other crop. Our trees are graded according to the standard rules of grading. The 5 to 6 ft size caliper 11-16 in. and up; the other sizes  $\frac{1}{2}$  to 11-16 in. and  $\frac{1}{2}$  to 5-8 in. respectively. Many varieties will run considerably taller than rated.

The following is a list of the main varieties of apple we have this spring, arranged approximately in the order of their ripening:

#### EARLY VARIETIES

Liveland (Lowland Raspberry)	Duchess (Oldenburg)
Summer Pear	Benoni
Yellow Transparent	Chenango Strawberry

#### FALL VARIETIES

University	Brilliant	Snow (Fameuse)
Bailey Sweet	Wealthy	Wolf River
Anism		Longfield

#### WINTER VARIETIES

McIntosh	Paradise W. Sweet	X Cotta
Delicious	Windsor	Allen's Choice
Jonathon	Iowa Blush	Salome
Grimes (Golden)	Tolman Sweet	Gano
King David	Northern Spy	Black Ben Davis
Banana (Winter)	N. W. Greening	Ben Davis
Golden Russet	Wagener	Nelson Sweet
Sheriff	Stayman (Winesap)	Malinda
Isherwood	Roman Stem	Ralls (Janet or Geniton)

#### CRAB APPLE

Hyslop	Transcendent	Martha
Whitney (No. 20)	White Arctic	Wild Red
Virginia	Sweet Russet	

PRICES of all Apple and Crab Apple—	Each	Per 10	Per 100
5 to 6 feet .....	\$0.90	\$8.00	\$75.00
4 to 5 feet .....	.75	6.50	60.00
3 to 4 feet .....	.60	4.50	40.00

#### PEACHES

Peaches in central Iowa should be planted where they will have as much protection as possible.

Leading varieties—Champion, Bokara and Elberta.

PRICES—	Each	Per 10
Budded trees, 4 to 5 feet .....	\$0.60	\$5.00
3 to 4 feet .....	.45	4.00
Bailey Seedlings, 3 to 4 feet .....	.20	1.50
2 to 3 feet .....	.15	1.00

## PEARS

More than one variety should be planted to insure pollination. In the standard or large growing trees, we have the following:

Garber	Seckel	Bartlett	
Flemish Beauty	Kieffer	Clapp's Favorite	
Tyson	Longworth		
<b>PRICES—Except Kieffer—</b>		Each	Per 10
5 to 6 feet		\$1.40	\$12.50
4 to 5 feet		1.10	10.00
3 to 4 feet		.75	7.00
<b>PRICES—Kieffer—</b>		Each	Per 10
5 to 6 feet		\$1.00	\$9.00
4 to 5 feet		.75	7.00
3 to 4 feet		.60	5.00
<b>Dwarf Pears</b> are grafted on Quince roots which dwarf them and bring them into bearing earlier. We have the following varieties in the 4 to 5, and 3 to 4 foot sizes only.			
Bartlett	Seckel	Flemish Beauty	
Duchess	Kieffer		
<b>PRICES—Dwarf Pears—</b>		Each	Per 10
4 to 5 feet		\$1.00	\$9.00
3 to 4 feet		.75	6.00

## CHERRIES

(In the order of their ripening)

Dyehouse	Ostheime	Wragg
Early Richmond	Baldwin	English Morello
Montmorency	Yellow Glass	

Early Richmond and Montmorency are the most dependable and the most planted. Yellow Glass is a true, sweet cherry and is more tender than the others. Wragg and English Morello are very late and very dark in color.

<b>PRICES—</b>		Each	Per 10
5 to 6 feet		\$1.25	\$10.00
4 to 5 feet		1.00	9.00
3 to 4 feet		.70	6.00

## PLUMS

Abundance	Miner	Gold
Beatty	Opata	Red Wing
Burbank	Sapa	Sansoto
Compass	Fellenberg	Omaha
Desoto	Monitor	Emerald
Damson	Damson	Lombard
Cummunia	Surprise	Waneta
German Prune	Terry	Zumbra Cherry
Hanska	Toka	Underwood

Terry, Surprise and DeSoto are all pure American varieties of splendid quality for all purposes and we believe the most dependable in every way for the North.

## PLUMS—Continued

Abundance and Burbank are Japanese varieties much prized by some, but short lived here.

Sapa is a Sand Cherry Hybred with purplish flesh, of medium size, sweet, and very fine for canning. It is extremely prolific and may well be grown in bush form; trees are usually very crooked.

Hanska and Toka are straight, symmetrical trees, with flattened bright red fruit of good size and having a pronounced apricot fragrance and flavor. Many choose them as the best of the list.

Omaha, Emerald and Waneta are very productive, showy hybrids and especially good for eating from the tree.

Underwood, Red Wing and Monitor are very fine new hybreds from the Minnesota Fruit Breeding Farm.

Cumminia, Damson, German Prune, Fellenburg and Lombard are European varieties, or "Blue Plums."

PRICES—	Each	Per 10
5 to 6 feet .....	\$1.25	\$10.00
4 to 5 feet .....	1.00	9.00
3 to 4 feet .....	.75	6.00

## GRAPES

(In order of ripening)

Beta, black	Elvira, white	Lutie
Hungarian, black	Worden, black	Concord, black
Moore's Early, black	Delaware, red	Woodruff, red
Moore's Diamond, white	Lucile, red	Agawan, red
Wyoming, red	Niagara, white	

Beta, Hungarian and Elvira are small grapes, but very hardy and well suited for arbors and pergolas.

Concord is the best shipping variety and predominates in commercial plantings.

Worden and Moore's Early are larger and sweeter than Concord and should be included in the home vineyard.

PRICES:	Each	Per 10	Per 100
Concord 1 year .....	\$0.20	\$1.50	\$10.00
2 year .....	.25	2.00	15.00
Other varieties 1 year.....	.25	2.00	15.00
2 year .....	.30	2.50	22.50

## CURRENTS

Currents cannot be sent across the quarantine line, which is the western line of Iowa.

Victoria	Cherry	Diploma
Wilder	Perfection	Fay's Prolific
White Grape		

PRICES—2-year bushes—	Each	Per 10	Per 100
Perfection .....	\$0.40	\$3.50	\$30.00
Other varieties .....	.30	2.50	17.50

## THE LINN COUNTY NURSERIES

### GOOSEBERRIES

Subject to the same quarantine as Currants

Champion	Downing	Pearl	Carrie
PRICES—2-year plants .....		30c each	\$2.50 per 10

### JUNEBERRIES

These are highly ornamental bushes as well as valuable for the fruit. They are much liked by the birds and attract them from other berries and Cherries.

PRICES—	for Transplants—	Each	Per 10
12 to 18 in. bushes.....		\$0.20	\$1.50
18 to 24 in. bushes.....		.25	2.00
2 to 3 foot bushes .....		.35	3.00
3 to 4 foot bushes .....		.50	4.00

### RASPBERRIES

The purple and black varieties grow from tips, red ones from suckers. For home use the purple caps will produce more fruit than the others, but it is quite soft for the market.

Cumberland is the most planted of the black caps.

Latham is far the best and most profitable of the red varieties.

Plant in hedge rows about two feet apart in the rows.

Columbian, purple	St. Regis, red everbearing	King, red
Cardinal, purple	Kansas, black	Louden, red
Cumberland, black	Haymaker, purple	Latham, red
Gregg, black	Royal Purple, purple	
PRICES—	Per 10	Per 100
Purple varieties and Latham .....	\$0.75	\$6.00
Other varieties .....	.40	3.00
	Per 1000	
	\$50.00	
	25.00	

### BLACKBERRIES

We have found the Snyder Blackberry the most dependable of many kinds tried and confine our growing to it. All the plants offered are root cutting plants; none are suckers from an old run-out patch.

PRICES—	Snyder Blackberry—	Per 10	Per 100	Per 1000
Heavy grade .....		\$0.60	\$4.50	\$40.00
Medium grade .....		.40	3.00	25.00
Light grade	priced on application.			

### DEWBERRIES

Lucretia Dewberry .....	.75	6.00	50.00
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### STRAWBERRIES

The Dunlap Strawberry succeeds so well under so many different conditions and is so good for all purposes that we advise it as the best spring bearing variety for general planting. Put out a new bed each year in rows  $3\frac{1}{2}$  to 4 feet apart and 18 inches in the row.

## STRAWBERRIES—Continued

Where proper care is given and conditions are favorable, wonderful results can be had from the Progressive fall bearing variety. They should be planted early on good rich ground and a new patch put out each spring.

## PRICES—

	Per 100	Per 1000
Dunlap .....	\$1.00	\$ 9.00
Progressive .....	2.50	20.00

## ASPARAGUS

This is one of the first ready to use and most wholesome of the spring vegetables. Plant it along the fence and plant it by the hundred rather than by the dozen.

## PRICES—

	Per 10	Per 100	Per 1000
Two-year plants .....	\$0.40	\$2.50	\$20.00
One-year plants .....	.25	1.50	10.00

## RHUBARB

Like asparagus, rhubarb should be planted where it need not be disturbed and it will produce a great amount of food with a very little expenditure.

## PRICES—

	Each	Per 10	Per 100
2-year roots .....	\$0.20	\$1.50	\$10.00
1-year roots .....	.15	1.00	6.00

## EVERGREENS

All the evergreens we offer have been transplanted two or more times. They are always dug fresh as set out. If the buyer comes to the nursery after them, they can be lifted directly from the row to his wagon and have a minimum of exposure. If the roots of evergreens ever become thoroughly dry they cannot be revived as other trees can. Failure in transplanting them is largely due to allowing them to become dry while planting, to not packing good, mellow, moist soil firmly around the roots, or to not properly conserving moisture about them through the summer by frequent shallow cultivation and by mulching.

SPACING. Plant Pines or Spruces 7 to 8 feet apart for single row windbreaks, and 10 to 12 feet apart for double rows. For hedges plant 18 to 24 inches apart, depending on size.

SOILS. Plant Pines on dry or well drained soil; the Bull Pine will do well on very gravelly soil. In places where it is quite wet at times Spruce will be better, and in very wet places Arborvitae is the best.

## EVERGREENS--For Windbreaks and Hedges

**BULL PINE—P. Ponderosa, Western Yellow Pine.** A native of the Black Hills, with very long needles and thick, stout branches. Extremely hardy and drouth ressistant.

## PRICES—

	Each	Per 10	Per 100
5 to 6 feet .....	\$0.90	\$8.00	\$75.00
4 to 5 feet .....	.70	6.50	50.00
3 to 4 feet .....	.60	5.50	50.00
2 to 3 feet .....	.50	4.50	40.00
18 to 24 inches .....	.40	3.50	30.00
15 to 18 inches .....	.30	2.50	24.00

## THE LINN COUNTY NURSERIES

## EVERGREENS—Continued

<b>SCOTCH PINE</b> —A native of northern Europe.	Each	Per 10
4 to 5 feet .....	\$1.00	\$9.00
3 to 4 feet .....	.75	7.00
2 to 3 feet .....	.60	5.50

<b>WHITE PINE</b> —One of our few native evergreens and doubtless the longest lived of the entire list here.	Each	Per 10	Per 100
5 to 6 feet .....	\$1.25	\$12.00	
4 to 5 feet .....	1.00	9.00	
3 to 4 feet .....	.75	7.00	\$60.00
2 to 3 feet .....	.60	5.50	50.00
18 to 24 inches .....	.50	4.50	40.00

<b>NORWAY SPRUCE</b> —A native of northern Europe.	Each	Per 10	Per 100
4 to 5 feet .....	\$1.00	\$9.00	...
3 to 4 feet .....	.75	7.00	
2 to 3 feet .....	.60	5.50	\$50.00
18 to 24 inches .....	.50	4.50	40.00
15 to 18 inches .....	.40	3.50	30.00

<b>WHITE SPRUCE</b> —A native of the north and northeast, and we believe superior to Norway Spruce in every way.	Each	Per 10	Per 100
3 to 4 feet .....	1.25	12.00	\$100.00
2 to 3 feet .....	1.00	8.00	75.00
18 to 24 inches .....	.75	6.50	60.00

<b>AM. ARBORVITAE</b> —A native of the north and should have a moist soil. We have a very choice lot of these this year, all 3 times transplanted.	Each	Per 10	Per 100
4 to 5 feet .....	\$1.00	\$9.00	\$75.00
3 to 4 feet .....	.75	7.00	60.00
2 to 3 feet .....	.60	5.50	50.00
18 to 24 inches .....	.50	4.50	40.00

## SPECIMEN EVERGREENS

The following are well developed trees which have been several times transplanted, and are dug with a large solid ball of earth securely burlapped and bound.

<b>BULL PINES</b> —	Each	Per 10
3 to 4 feet .....	\$2.00	\$18.00
4 to 5 feet .....	2.50	22.00
5 to 6 feet .....	3.00	28.00

Larger sizes quoted upon application.

<b>SCOTCH PINE</b> —	Each	Per 10
3 to 4 feet .....	\$2.50	\$18.00
4 to 5 feet .....	2.50	22.00
5 to 6 feet .....	3.00	28.00

<b>WHITE PINE</b> —	Each	Per 10
3 to 4 feet .....	\$2.50	\$18.00
4 to 5 feet .....	2.50	22.00
5 to 6 feet .....	3.00	28.00

Sizes up to 15 feet quoted on application.

## EVERGREENS—Continued

## NORWAY SPRUCE—

4 to 5 feet .....	\$2.50	each
5 to 6 feet .....	\$3.00	each

Sizes up to 18 feet quoted on application.

## WHITE SPRUCE—

	Each	Per 10
2 to 3 feet .....	\$2.00	\$18.00
3 to 4 feet .....	2.50	22.00
4 to 5 feet .....	3.00	28.00
5 to 6 feet .....	3.50	32.00
6 to 7 feet .....	4.50	42.00
7 to 8 feet .....	5.50	50.00

Sizes up to 12 feet quoted on application

## AMERICAN ARBORVITAE—

	Each	Per 10
2 to 3 feet .....	\$1.00	\$ 9.00
3 to 4 feet .....	1.50	12.00
4 to 5 feet .....	2.00	17.50
5 to 6 feet .....	3.00	25.00
6 to 8 feet .....	4.00	30.00

## GOLDEN ARBORVITAE—Hovey's Golden

	Each	Per 10
15 to 18 inches .....	\$1.50	\$12.50
18 to 24 inches .....	2.00	17.50

## PYRAMIDAL ARBORVITAE—

18 to 24 inches .....	\$2.25
2 to 2 1/2 feet .....	3.00
2 1/2 to 3 feet .....	4.00
3 to 3 1/2 feet .....	5.00
3 1/2 to 4 feet .....	6.00
4 to 5 feet .....	7.00
5 to 6 feet .....	8.00

**SIBERIAN ARBORVITAE.** The hardest of all the arborvitae, very compact, conical in form and with dense dark green foliage.

## PRICES—

	Each	Per 10
18 to 24 inches .....	\$2.00	\$20.00
2 to 2 1/2 feet .....	2.50	24.00
2 1/2 to 3 feet .....	3.00	28.00
3 to 3 1/2 feet .....	4.00	35.00
3 1/2 to 4 feet .....	5.00	40.00
4 to 5 feet .....	6.00	50.00
6 to 7 feet .....	10.00	
7 to 8 feet .....	15.00	

**GLOBE ARBORVITAE.** A dwarf form which makes compact globes without trimming.

	Each	Per 10
15 to 18 inches .....	\$1.50	\$14.00
18 to 24 inches .....	2.00	18.00
2 to 2 1/2 feet .....	3.00	
3 to 4 feet .....	4.00	

## THE LINN COUNTY NURSERIES

## EVERGREENS—Continued

**BALSAM FIR.** A native of Iowa and Northeast. It should have moist soil. The leaves and branches are delightfully fragrant.

PRICES—	Each	Per 10
3 to 4 feet .....	\$1.50	\$12.50
4 to 5 feet .....	2.00	15.00
5 to 6 feet .....	2.50	22.50
6 to 7 feet .....	3.00	27.50

DOUGLAS FIR—Also known as Douglas Spruce	Each
2 to 2 1/2 feet .....	1.50
2 1/2 to 3 feet .....	2.00
3 to 4 feet .....	3.00
4 to 5 feet .....	4.00

CONCOLOR FIR.	Each
15 to 18 inches .....	3.00
18 to 24 inches .....	4.00

**MUGHO PINE, Dwarf mountain pine.** This makes a compact dome shaped bush broader than high. Sizes apply to width rather than height.

PRICES—	Each	Per 10
12 to 15 inches .....	\$2.00	\$18.00
15 to 18 inches .....	3.00	25.00
18 to 24 inches .....	4.00	35.00

**BLACK HILLS SPRUCE.** A native of the Black Hills. It does very well over a wide range and makes the finest specimens of all spruce unless it be the Colorado Blue.

	Each	Per 10
15 to 18 inches .....	\$1.50	\$12.50
18 to 24 inches .....	2.00	17.50
2 to 2 1/2 feet .....	2.50	22.50
2 1/2 to 3 feet .....	3.00	27.50
3 to 4 feet .....	4.00	37.50
4 to 5 feet .....	5.00	45.00
5 to 6 feet .....	6.00	55.00

Sizes up to 16 feet quoted on application.

**HEMLOCK.** Native to northeastern United States. A slow growing, graceful tree with short, flat needles, bright green above; silvery beneath.

PRICES	Each
18 to 24 inches .....	\$2.00
2 to 2 1/2 feet .....	3.00
2 1/2 to 3 feet .....	4.00
3 to 3 1/2 feet .....	5.00
3 1/2 to 4 feet .....	6.00
4 to 5 feet .....	7.00
5 to 6 feet .....	8.00
6 to 7 feet .....	9.00

SAVIN JUNIPER.	Each
9 to 12 inches .....	\$1.50
12 to 15 inches .....	2.00

## EVERGREENS—Continued

## PFITZER'S JUNIPER.

	Each
12 to 15 inch spread	\$2.00
15 to 18 inch spread	2.50

## RED CEDAR. Native to Iowa

	Each
3 to 4 feet	\$3.00
4 to 5 feet	4.00
5 to 6 feet	5.00
6 to 7 feet	6.00
7 to 8 feet	8.00

**COLORADO BLUE SPRUCE.** A native of Colorado. It varies from clear green to glistening silvery blue. They are slow growing and very compact, making the finest lawn specimens.

## PRICES for selected blue specimens or "Shiners"

	Each	Per 10
15 to 18 inches	\$3.50	\$30.00
18 to 24 inches	4.50	40.00
2 to 2 1/2 feet	5.00	45.00
2 1/2 to 3 feet	6.00	55.00
3 to 4 feet	7.50	70.00
4 to 5 feet	9.00	80.00

## PRICES for green specimens:

	Each	Per 10
18 to 24 inches	\$2.00	\$18.50
2 to 2 1/2 feet	3.00	25.00
2 1/2 to 3 feet	3.50	30.00
3 to 4 feet	4.00	35.00
4 to 5 feet	5.00	45.00
5 to 6 feet	6.00	55.00

**RED PINE.** A native of northern Wisconsin. Needles long and soft and a very pretty green. One of the most beautiful pines.

## PRICES—

	Each	Per 10
3 to 4 feet	\$2.00	\$17.50
4 to 5 feet	2.50	22.50
5 to 6 feet	3.00	28.00

## EUROPEAN LARCH. A conifer, but not an evergreen. Each

	Each
3 to 4 feet	\$1.50
4 to 5 feet	2.00
5 to 6 feet	2.50

## SHADE AND ORNAMENTAL TREES

We have a fine lot of trees which are too large for boxing and shipping which we will quote on application. They consist of American Elm up to 6 inches in diameter, Pin Oak up to 4 inches, Ash up to 2 1/2 inches, Cut L. White Bircl. up to 5 inches, Mountain Ash up to 4 inches, and a few specimens of some odd kinds not on the list.

## CAROLINA POPLAR.

	Each	Per 10
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## AMERICAN ASH.

	Each	Per 10
10 to 12 feet	\$2.00	\$18.00
8 to 10 feet	1.50	14.00
7 to 8 feet	1.00	10.00

## SHADE AND ORNAMENTAL TREES—Continued

## AMERICAN ELM.

10 to 12 feet .....	\$1.50	\$14.00
8 to 10 feet .....	1.25	10.00
7 to 8 feet .....	1.00	8.50
6 to 7 feet .....	.90	7.50
5 to 6 feet .....	.60	5.00

## BECHTEL'S DOUBLE FLOWERING CRAB

4 to 5 feet .....	\$2.50	\$22.00
3 to 4 feet .....	1.75	15.00
2 to 3 feet .....	1.25	12.00
18 to 24 inches .....	.75	7.00

## CAROLINA POPLAR.

10 to 12 feet .....	Each \$1.00	Per 10 \$10.00
8 to 10 feet .....	.75	7.00
6 to 8 feet .....	.50	4.50
5 to 6 feet .....	.40	2.50

## CATALPA SPECIOSA.

8 to 10 feet .....	\$1.25	\$11.00
6 to 8 feet .....	1.00	8.60

## EUROPEAN WHITE BIRCH.

6 to 8 feet .....	\$2.00	\$18.00
5 to 6 feet .....	1.75	15.00

## HORSE CHESTNUT

5 to 6 feet .....	\$2.50	\$24.00
4 to 5 feet .....	2.00	18.00

## HACKBERRY.

6 to 8 feet .....	\$2.00	\$18.00
5 to 6 feet .....	1.50	14.00

## HARD MAPLE. Larger sizes quoted on application.

8 to 10 feet .....	\$2.50	\$24.00
7 to 8 feet .....	2.25	20.00
6 to 7 feet .....	1.75	15.00
5 to 6 feet .....	1.50	13.50

## MT. ASH—EUROPEAN. Larger sizes quoted on application.

8 to 10 feet .....	\$3.00	\$28.00
7 to 8 feet .....	2.50	24.00
6 to 7 feet .....	2.00	18.00
5 to 6 feet .....	1.50	14.00

## LAUREL LEAVED WILLOW.

8 to 10 feet .....	\$0.90	\$ 8.00
6 to 8 feet .....	.75	6.00
5 to 6 feet .....	.50	4.50
4 to 5 feet .....	.40	3.50

## NORWAY MAPLE.

8 to 10 feet .....	\$3.00	\$28.00
6 to 8 feet .....	2.50	24.00
5 to 6 feet .....	2.00	20.00

## SHADE AND ORNAMENTAL TREES—Continued

## PURPLE LEAVED MAPLE.

10 to 12 feet .....	\$5.00	\$50.00
6 to 8 feet .....	3.00	28.00

## PIN OAK AND BURR OAK.

10 to 12 feet .....	\$5.00	\$45.00
8 to 10 feet .....	4.00	36.00
7 to 8 feet .....	3.00	28.00
6 to 7 feet .....	2.50	24.00
5 to 6 feet .....	2.00	18.00

## RUSSIAN OLIVE.

6 to 7 feet .....	\$1.50	\$14.00
5 to 6 feet .....	1.00	9.50
4 to 5 feet .....	.75	7.00

## RUSSIAN MULBERRY.

7 to 8 feet .....	\$0.90	\$ 8.50
6 to 7 feet .....	.75	7.00
5 to 6 feet .....	.60	5.00
4 to 5 feet .....	.50	4.00

## SYCAMORE.

	Each	Per 10
8 to 10 feet .....	\$2.50	\$22.00
7 to 8 feet .....	2.00	18.00
6 to 7 feet .....	1.50	14.00
5 to 6 feet .....	1.25	12.00

TARTARIAN MAPLE—*Acer Ginala*.

5 to 6 feet .....	\$2.00	\$18.00
4 to 5 feet .....	1.50	14.00
3 to 4 feet .....	1.00	8.00

## WALNUT, BLACK. See Grafted Nut Trees also.

3 to 4 feet .....	\$0.60	\$ 5.00
4 to 5 feet .....	.80	7.00
5 to 6 feet .....	1.25	10.00

## KENTUCKY COFFEE TREE.

3 to 4 feet .....	\$1.00	
4 to 5 feet .....	1.50	

## GINKGO, MAIDEN HAIR TREE.

3 to 4 feet .....	\$1.25	
4 to 5 feet .....	1.50	

## WEEPING TREES

## CUT LEAVED WEEPING BIRCH.

We have only a few large specimens, which will be priced upon application.

## NIOBE WEEPING WILLOW.

6 to 8 feet .....	\$1.00	\$ 9.00
5 to 6 feet .....	.75	6.00
4 to 5 feet .....	.50	4.00

## WEEPING TREES—Continued

CAMPERDOWN WEEPING ELM, TEA'S WEEPING  
MULBERRY.

2- year heads .....	\$3.50
1-year heads .....	\$3.00

## SHRUBS

Where the same prices and sizes apply to several kinds of shrubs we have grouped them to save space.

Extra heavy specimens can be supplied of many kinds and will be quoted upon application.

## LILACS—Named Varieties.

Belle de Nancy—Double, rose colored.

Charles Tenth—Single, purplish-red.

Mme. Lemoine—Single, pure white.

Josikaea—Single, purplish flowers in June.

Ludwig Spaeth—Single, very dark purplish red.

	Each	Per 10
2 to 3 feet .....	\$1.25	\$12.00
18 to 24 inches .....	1.00	9.00

## LILACS—Persian, Rouen (Rothmagnesis).

3 to 4 feet .....	\$1.25	\$12.00
2 to 3 feet .....	1.00	9.00
18 to 24 inches .....	.75	7.00

## LILACS—Common Purple and Common White.

3 to 4 feet .....	\$0.75	\$ 7.00
2 to 3 feet .....	.60	5.00
18 to 24 inches .....	.45	4.00

## JAPANESE QUINCE.

2 to 3 feet .....	\$1.00
18 to 24 inches .....	.75
12 to 15 inches .....	.50

## SPIREA ANTHONY WATERER AND ALPINE CURRANT

18 to 24 inches .....	\$1.00	\$ 9.00
15 to 18 inches .....	.75	7.00
12 to 15 inches .....	.50	4.50

## EUONYMUS ALATUS.

6 to 7 feet heavy specimens .....	\$3.00
2 to 3 feet .....	1.25
18 to 24 inches .....	1.00

## BUTTERFLY BUSH.

Strong plants, 2 years old .....	.60	5.00
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## SHRUBS—Continued

## HYDRANGEAS

<b>Hydrangea, paniculata Grandiflora</b>	<b>Spirea Thunbergia</b>	
Hardy Hydrangea, bush form	Snowberry	
Aborescens or	Prunus Tomentosa	
Hills of Snow	High-Bush Cranberry	
3 to 4 feet .....	\$1.00	\$10.00
2 to 3 feet .....	.75	7.50
18 to 24 inches .....	.60	5.00
12 to 18 inches .....	.45	4.00

<b>Snowberry</b>	<b>Cephalanthus, dwarf button bush</b>	
<b>Arrow-Wood (Viburnum Dentatum)</b>	<b>White Kerria</b>	
<b>Cotoneaster Acutifolia</b>	<b>Yellow Flowering Currant</b>	
2 to 3 feet .....	\$0.80	\$ 7.50
18 to 24 inches .....	.60	5.50

<b>Dentzia Lemoine</b>	<b>Viburnum Lantana</b>
<b>Fragrant Sumac</b>	

2 to 3 feet .....	.75	7.00
18 to 24 inches .....	.60	5.00
12 to 18 inches .....	.45	4.00

## GOLDEN SYRINGA (Golden Philadelphus)

15 to 18 inches .....	.75
12 to 15 inches .....	.60

## SPIREA

<b>Van Houttei (Bridal Wreath)</b>	<b>SUMACS</b>
<b>Opulifolia (Nine-bark)</b>	Smooth or Glabra
<b>Billardi</b>	Cut Leaved Staghorn
<b>Aralia Pentaphyliia</b>	Tamarix
<b>Altheas, bush form</b>	Weigelia (except E. Rathke)

## Buckthorn

## Bush Honeysuckles

Morrows		
Pink Tartarian		
White Tartarian		
Bella Albida		
Rupecht's		
3 to 4 feet .....	\$0.70	\$ 5.50
2 to 3 feet .....	.50	4.00
18 to 24 inches .....	.40	3.00
12 to 18 inches .....	.30	2.00

<b>Coral Berry or Indian Currant</b>	<b>Philadelphus or</b>
<b>Dogwood, red twigg'd</b>	Syringa, Mock Orange
<b>Dogwood, yellow twigg'd</b>	Yellow Bells, Forsythia
<b>Siberian Pea Tree</b>	Russian Artemesia

4 to 5 feet .....	\$0.60	\$ 5.50
3 to 4 feet .....	.50	4.50
2 to 3 feet .....	.40	3.50
18 to 24 inches .....	.30	2.50

## SHRUBS—Continued

<b>SPIREA FROEBELLI.</b>	Each	Per 10	Per 100
18 to 24 inches .....	.45	\$4.00	\$35.00
12 to 18 inches .....	.30	2.75	25.00

**WEIGELIA EVA RATHKE and FLOWERING ALMONDS**

Pink and White.

3 to 4 feet .....	\$1.50
2 to 3 feet .....	1.25
18 to 24 inches .....	1.00

## HEDGE PLANTS

See Arborvitae and Spruce, under Evergreens.

**PRIVET, AMUR NORTH, POLISH AND IBOOTA**

PRICES—	Each	Per 10	Per 100
3 to 4 feet .....	.40	\$3.50	\$30.00
2 to 3 feet .....	.30	2.75	25.00
18 to 24 inches .....	.25	2.00	17.50
12 to 18 inches .....	.20	1.25	10.00

**BARBERRY JAPANESE**—Transplanted—bushy

PRICES—	Each	Per 10	Per 100
2 to 2 1/2 feet .....	\$.60	\$5.50	\$50.00
18 to 24 inches .....	.45	4.00	35.00
15 to 18 inches .....	.40	3.50	30.00
12 to 15 inches .....	.25	2.00	16.00

<b>BARBERRY SEEDLINGS, Slender plants</b>	Per 100	Per 1000
9 to 12 inches .....	\$6.00	\$50.00
6 to 10 inches .....	4.50	40.00

## CLIMBING VINES

	Each	Per 10
<b>Clematis Paniculata and C. Coccinea</b>	\$0.60	\$ 5.00
<b>Clematis, Jackmanni, Henryi, and Ed Andre</b> .....	1.25	10.00

## OTHER VINES LISTED BELOW.

2 years .....	\$0.50	\$ 4.00
1 year .....	.30	3.00

## Ivies

Engelman's	Trumpet Flower
Boston (Veitchii)	Hop Vine
Five Leaved (Quinquefolia)	Matrimony Vine
Bitter Sweet	Wistaria, Purple and white Scarlet Trumpet Honeysuckle

## ROSES

All plants offered are two year field grown bushes. One half or more of the tops should be cut off and the bushes planted deeper than they stood in the nursery.

## CLIMBING ROSES

All need winter protection.

**American Pillar**, 75c: Immense clusters; large, single, bright crimson, lighter center.

**Baltimore Belle**, 50c: Blush-white, an old favorite, rather tender.

**Crimson Rambler**, 50c: Bright red, in large clusters; the most popular climber.

**Climbing American Beauty**, 75c: Large rich carmine, somewhat fragrant.

**Dr. VanFleet**, 90c: Large light pink, perfectly formed, pointed buds, long stems

**Dorothy Perkins**, 50c: Delicate pink, large clusters, very vigorous and healthy.

**Excelsa (Red Dorothy Perkins)**, 50c: Lighter red than Crimson Rambler, but more vigorous.

**Hiawatha**, 50c: Single, deep crimson with yellow center, fragrant, in clusters.

**Paul's Scarlet**, 90c: Large, bright, pure red, semi-double, in clusters.

**Prairie Queen**, 50c: Large globular, bright pink, one of the hardiest climbers

**Tausendschon**, 75c: Large clusters ranging from bright pink to pure white.

**White Dorothy Perkins**, 50c: The best pure white climbing rose.

## HARDY ROSES

Varieties which need no winter protection in central Iowa.

**Hansa**, 75c: Bright red, in clusters of 3 or 4; Rugosa foliage.

**Harrison Yellow**, 90c: Small, bright yellow, early in spring.

**Henri Martin**, 75c: Rosy red, mossed heavily, fragrant.

**Kamchatka**, 75c: Bright red, double, foliage and thorns differing from Rugosa.

**Mad. Plantier**, 50c: Pure white, almost thornless, blooms in spring only.

**Persian Yellow**, 90c: Deepest yellow, Austrian briar.

**Rosa Rugosa**, 75c: Single, large bright red, wrinkled, tough foliage, continuous bloomer.

**Rosa Blanda**, 75c: Single, pink, tall upright grower.

**Seven Sisters**, 50c: Double, large, varying from light red to white.

**White Moss**, 75c: Large, pure white, fragrant, heavily mossed.

## OTHER ROSES

H. T. means Hybrid Tea; H. P. means Hybrid Perpetual. All these should have winter protection. The Baby Ramblers and H. T.'s are the most constant bloomers.

**Baby Rambler**, 90c: Red, white or pink; not climbers, but dwarf bushes.

**Conrad F. Meyer**, 90c: Hybrid Rugosa, delicate pink, strong upright grower.

**Edward Mawley**, 90c: H. T., very dark velvety crimson, most fragrant.

**Etoile de France**, 90c: H. T. Large, cupped, velvety crimson, very fragrant.

**Frau Karl Druschki**, 75c: H. P., the very purest white, continuous bloomer.

**Gen. Jacqueminot**, 75c: H. P., scarlet-crimson, early and fragrant.

**Grootendorst**, 90c: Hybrid Rugosa X, Baby Rambler; semi double, bright red.

**Gruss an Teplitz**, 90c: H. T., clear crimson scarlet, the most continuous bloomer.

**Geo. Arends**, 90c: H. P. Large, fragrant, pink, called "Pink Druschki."

**J. B. Clark**, 75c: H. P., very large, intense deep scarlet; vigorous upright grower.

**John Hopper**, 75c: H. P., large, rosy red, fragrant, medium grower.

**Los Angeles**, \$1.25: H. T., coral pink shaded coppery gold, moderately hardy

**LaFayette**, \$1.25: Baby Rambler with large brilliant cherry-crimson flowers

**Magna Charta**, 75c: H. P., very large, rosy pink tinted carmine.

## OTHER ROSÉS—Continued

**Mrs. John Lang**, 75c: large, soft pink, pointed buds, vigorous grower.  
**Ophelia**, 90c: H. T., salmon-flesh, fragrant, long stems, very productive.  
**Paul Neyron**, 75c: H. P., very largest, clear pink, fragrant, almost thornless  
**Prince Camille de Rohan**, 75c: H. P., dark blood red, weak grower.  
**Radiance**, 90c: H. T., fine salmon pink, long stems, very productive.  
**Red Radiance**, 90c: H. T., deep red, finest form, extremely productive.  
**Sunburst**, 90c: H. T., bright orange yellow, with paler edge.  
**Soleil d'Or**, 90c: large orange yellow, varying to ruddy gold.  
**Ulrich Bruner**, 75c: H. P., large, fragrant, cherry red, vigorous.

## PEONIES

We do not keep a stock of the more expensive varieties in storage for spring planting, so any orders for them will be held till September, which is the very best time to plant peonies.

Prices are for standard divisions of 3 to 5 eyes or buds.

**Asa Gray**, \$1.00: Semi-rose type, midseason, pink with carmine dots.  
**Adolphe Rousseau**, \$1.50: Semi-double, early, brilliant red.  
**Agnes M. Kelway**, 40c: Crown type, early, pale rose with creamy center.  
**Avalanche**, \$1.00: Crown type, late, very fine milk white.  
**Augustin D'Hour**, 75c: Bomb type, tall, midseason, rich scarlet purple.  
**Baroness Schroeder**, \$1.25: Rose type, late, flesh color fading white.  
**Couronne d'Or**, 50c: Semi-rose type, late, white with yellow stamens.  
**Claire Dubois**, \$1.00: Rose type, tall, late, fine pink with glossy reflex.  
**Delachei**, 75c Rose type, late, brilliant dark maroon.  
**Denis Helye**, 50c: Semi-rose type, midseason, brilliant red.  
**Edulis Superba**, 50c: Crown type, very early, bright pink.  
**Festiva Maxina**, 50c: Rose type, early, pure white, tipped carmine.  
**Francoise Ortegat**, 75c: Semi-rose type, midseason, deep crimson.  
**Felix Crousse**, 75c: Rose type, late midseason, bright ruby red.  
**Fragrans**, 40c: Bomb type, midseason, deep pink.  
**Golden Harvest**, 40c: Bomb type, midseason, pink and creamy white.  
**Grandiflora**, 50c: Rose type, late, very fine bright pink.  
**H. F. Reddick**, \$1.00: Semi-rose type, midseason, brilliant crimson.  
**Karl Rosenfield**, \$1.50: Semi-rose type, midseason, rich blood red.  
**LeCygne**, \$12.00: Rose type, pure white, has the very highest rating.  
**Lady Alexander Duff**, \$3.50: Rose type, early, pink fading white.  
**Livingstone**, 75c: Rose type, late, deep pink, fine cut flower.  
**La Tulip**, 50c: Semi-rose type, flesh pink fading white, red markings.  
**Louis Van Houtte**, 75c: Semi-rose type, bright violaceous red.  
**L'Esperance**, 50c: Rose type, very early, rose pink.  
**Marie Lemoine**, \$1.00: Rose type, very late, ivory white.  
**Mad. Chaumy**, 40c: Rose type, very late, bright rose.  
**Marechal Valliant**, 50c: Rose type, very large, late, purplish red.  
**Mireille**, \$1.00: Rose type, very late, milk white.  
**Mad. de Verneville**, 50c: Bomb type, midseason, white.  
**Mad. Emile Galle**, \$1.00: Rose type, late, pale pink, shaded lilac-rose.  
**Mons. Jules Elie**, \$1.00: Bomb type, midseason, glossy pink, extra fine.

## PEONIES Continued

**Mons. Martin Cahuzac**, \$3.00: Semi-rose type, early, darkest deep maroon.  
**Modiste Guerin**, 75c: Bomb type, midseason, deep lustrous pink.  
**Officinalis rubra plena**, \$1.00: very earliest, bright crimson.  
**Officinalis rosea**, \$1.00: very earliest, rose pink.  
**Officinalis tennifolia**, \$1.50: Fern leaved, very earliest, bright crimson  
**Pres. Roosevelt**, \$1.00: semi-rose type, midseason, deep red.  
**Rachel**, \$1.00: Rose type, midseason, brightest ruby red.  
**Richard Carvel**, \$4.00: Bomb type, early, very bright crimson.  
**Rubra triumphans**, 50c: Semi-double, early, red with yellow stamens.  
**Solange**, \$4.00: Rose type, midseason, white shaded salmon.  
**Therese**, \$4.50: Rose type, midseason, delicate satiny pink.  
**The Bride**, 75c: Single, early, pure white with yellow stamens.

## HARDY PHLOX

	Each	Per 10
<b>Lothair</b> , salmon red with dark eye .....	.25	\$ 2.00
<b>Rynstrom</b> , bright carmine rose .....	.25	2.00
<b>Eclairieur</b> , magenta .....	.25	2.00
<b>Obergartner Wittig</b> , bright magenta, crimson eye .....	.25	2.00
<b>Thor</b> , deep salmon pink with aniline eye .....	.25	2.00
<b>S Wilson</b> , bright red .....	.25	2.00
<b>H. O. Widger</b> , white with large crimson eye .....	.25	2.00

## IRIS

Iris may be planted almost any time of the year, but preferably in the spring before blooming time or late in summer or fall. It should be planted very shallow and on dry, well drained soil, except the Siberian Iris and a few other fibrous rooted varieties which are moisture enduring.

The effect is better if a group of one kind or color is planted rather than single plants of many colors.

Quantity rates. Kinds priced at—

10c each are 60c per 10 and \$4.00 per 100.  
 15c each are 80c per 10 and \$6.00 per 100.  
 20c each are \$1.00 per 10 and \$8.00 per 100.  
 25c each are \$1.50 per 10 and \$12.00 per 100.

S. denotes standards, the upright part of the flower, and F. falls.

**DWARF IRIS**, 5 to 12 inches high, very early, fine for borders.

**Cyanea**, 10c: S., rich blue, F., dark satiny purple, 6 inches high.  
**Schneekuppe**, 20c: S. and F. pure white, 10 to 12 inches, very fine.  
**Excelsa**, 20c: S and F. deep clear yellow, 8 inches.

**INTERMEDIATE IRIS**: Intermediate in height and season of blooming.

**Helge**, 15c: S. and F. lemon yellow with pearl shadings, large.  
**Ingeborg**, 15c: S. and F. very fine large pure white.  
**Walhalla**, 15c: S. light blue, F. velvety violet purple.  
**Maori King**, 25c: S. richest golden yellow, F. velvety maroon.

## IRIS—Continued

## TALL BEARDED IRIS.

**Albicans**, 30c: Pure white without tinting.

**Anna Farr**, 25c: S. white bordered pale blue, F. clear white marked blue.

**Alcazar**, 50c: S. bluish violet, F. deep purple with bronze veins.

**Darius**, 20c: S. canary yellow, F. lilac margined white.

**Dr. Bernice**, 20c: S. coppery bronze, F., velvety crimson.

**Fairy**, 15c: S. and F. white delicately bordered pale blue.

**Flavescens**, 15c: S. and F. pale sulphur yellow, sweetly scented.

**Gypsy Queen**, 15c: S. old gold shaded pearl, F. dark maroon, reticulated.

**Honorabilis**, 10c: S. golden yellow, F. brownish mahogany.

**Kochi**, 15c: S. and F. rich blackish purple, very large and fine.

**Lent A. Williamson**, \$1.50: S. lavender violet; F. royal purple.

**Loreley**, 20c: S. light yellow, F. blue bordered cream.

**Leonidas**, 20c: S. clear mauve, F. rosy mauve.

**Latendresse**, 10c: S. and F. ageratum blue throughout.

**Isoline**, 40c: S. Lilac purple, F. purplish old rose.

**Iris King**, 30c: S. clear lemon yellow, F. rich maroon bordered yellow.

**Jacquesiana**, 25c: S. bright coppery crimson, F. rich maroon.

**Johan de Witte**, 10c: S. bluish violet, F. deep violet veined white.

**Junita**, 25c: S. arching; F. flaring, clear blue throughout.

**Kermesiana**, 15c: claret red with markings, medium size, endures moisture.

**Mother of Pearl**, \$6.00 S. and F. pale bluish lavender, delicately tinted.

**Monsignor**, 30c: S. deep violet, F. purplish crimson, veined darker.

**Mrs. Alan Gray**, 30c: S. and F. delicate pale rose mauve.

**Ma Mie**, 50c: S. and F. white, frilled pale blue.

**Mary Garden**, 30c: S. Pale yellow flushed lavender, F. creamy dotted crimson.

**Mad. Chereau**, 10c: S. and F. white, frilled pale blue, tall and late.

**Mrs. H. Darwin**, 15c: S. and F. pure white with purplish veins.

**Mad. Pacquette**, 20c: S. and F. bright rosy claret, ruffled, tall.

**Nibelungen**, 30c: S. fawn, F. violet purple, veined purple.

**Nokomis**, 30c: S. pale lavender white, F. deep violet blue.

**Navajo**, 50c: S. light yellow shaded lavender, F. deep maroon.

**Prosper Laugier**, 30c: S. light bronze red, F. velvety Bordeaux.

**Park de Neuilly**, 30c: S. and F. rich plum purple, large.

**Pallida Delmatica**, 25c: S. and F. light lavender violet.

**Pallida Speciosa**, 20c: S. dark lavender, F. light purple.

**Queen Alexandria**, 25c: S. fawn overcast lilac, F. lilac.

**Queen of the Gypsies**, 10c, S. bronze, F. purplish red.

**Rheine Nixe**, 25c: S. Clear white, F. violet blue, edged white.

**Silver King (Florentina)**, 15c: S. and F. white slightly tinted lavender

**SIBERIAN IRIS**

**Blue King**, 15c: clear blue with very delicate markings.

**Orientalis**, 15c: Similar to Blue King but a little darker.

**Snow Queen**, 15c: Ivory white with yellowish throat.

**Geo. Wallace**, 20c: S. azure blue, F. marked white

## OTHER HARDY PLANTS

Ask for prices on large quantities. The measure given is the height they grow, and the date, the time of blooming.

Balloon Flower, 30c: Either white or light blue, 2 ft, Aug. & Sept.  
 Bleeding Heart, 60c: 1 to 2  $\frac{1}{2}$  feet early spring; endures much shade.  
 Fern Leaved Bleeding Heart, 50c: dwarf, blooms all summer.  
 Columbine, 30c: 2 to 3 ft., early spring; yellow and red.  
 Columbine, 30c: 2 to 3 ft., early spring, pure white.  
 Delphinium, 30c: 3 to 5 ft., all summer if kept cut, all shades of lavender and blue.  
 Gaillardia, 30c: 1 to 2 ft.; all summer, red, yellow and orange blended.  
 Giant Daisy, 20c: 3 to 4 ft., Aug. and Sept.; fine large white flowers..  
 Golden Glow, 25c: 4 to 6 ft., Aug., masses of large, golden yellow flowers.  
 Hollyhocks, 25c: 4 to 7 ft., Aug. and Sept., white and all shades of red and pink.  
 Hardy Chrysanthemums, 25c: late fall; red, yellow and white.  
 Lemon Lily (Hemerocallis) 25c: 1 to 2 feet, May and June; yellow, fragrant..  
 Shasta Daisy, 30c: 1  $\frac{1}{2}$  to 2 ft., all summer if kept cut; fine cut flower.  
 Stone Crop (Sedum spectabilis), 35c: 1 ft., Sept. bright amaranth red.  
 Tawny Day Lily, 25c: 3 to 6 ft., July, orange flowers, shaded darker.  
 Yucca Filamentosa, 50c: 4 to 7 ft., July, large panicles of bellshaped white flowers.  
 Yucca Filamentosa, extra heavy 3 year plants, 75c.

## FOREST TREE SEEDLINGS

American White Ash	Soft Maple
Honey Locust	

	Per 100	Per 1000
2 to 3 feet . . . . .	\$3.50	\$30.00
18 to 24 inches . . . . .	3.00	25.00
12 to 18 inches . . . . .	2.25	20.00

## BLACK WALNUT AND BUTTERNUT

18 to 24 inches . . . . .	\$5.00	\$45.00
12 to 18 inches . . . . .	3.50	30.00

## CAROLINA POPLARS—ONE YEAR WHIPS

5 feet and up . . . . .	\$8.00	\$75.00
4 to 5 feet . . . . .	7.00	60.00
3 to 4 feet . . . . .	6.00	50.00
2 to 3 feet . . . . .	4.50	40.00

## RUSSIAN MULBERRY AND HARDY CATALPA

2 to 3 feet . . . . .	\$2.25	\$20.00
18 to 24 inches . . . . .	1.50	14.00
12 to 18 inches . . . . .	1.25	10.00

### GRAFTED NUT TREES

**NUT TREES** are more permanent, more ornamental, and will be more profitable than any other class of trees one can plant. It requires four to eight years to get a grafted nut tree ready for sale. This makes the first cost seem high. However, when we consider that it requires but one-third to one-fourth as many nut trees as fruit trees to plant an acre, the first cost is really less and the nut trees will produce profitably from two to six times as long; besides when they reach maturity they have a great value for lumber and fuel.

Nuts supply all the essentials of human food and are coming into more general use. In the future agriculture, nut crops will have an important part. Why plant Box Elders, Elms and Poplars which can give us but leaves and a poor quality of fuel?

The one dependable way to secure valuable varieties of nut trees is to plant only grafted trees.

**TRANSPLANTING** nut trees successfully depends greatly upon securing trees which have been transplanted once or twice before they were grafted.

Cutting back the top severely is another very essential requirement. Then let the tree grow as it will for two years, so the root will become well established. Then trim and train to one shoot until the desired height for the top is reached.

We will properly cut back the tops of all nut trees we send out, without extra charge, and will wax the cut surfaces with our specially prepared tree wax, if requested to do so.

Our hardy northern grown nut trees may be safely transplanted either spring or fall. It is a decided advantage to plant nut trees four to six inches deeper than they stood in the nursery, so in case of accident to the top (rabbits or mice may girdle them), there will be enough of the graft in the ground to throw up a new shoot and save the variety.

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### HICKORIES AND HICCANS

**FAIRBANKS.** This hybrid Hickory is a native of Jones County, Iowa. It was first brought to our attention by the owner of the original tree (Mr. Fairbanks), and we at once secured scions and began its propagation. Some of the first one year grafts were transplanted to our own orchard, where they have made rapid growth and borne nuts. Some of the first scions were also used for top grafting in a young Shag-bark Hickory tree, where they began bearing the second season and have borne every year since. The old tree is very prolific, having borne many heavy crops in succession. Nuts large, smooth, beautiful light color, thin shell; meats may be extracted whole with a little care.

**BURLINGTON.** A Hiccan which is native to Des Moines County, Iowa, and was first propagated and disseminated by us. The old tree antedate the settlement of white men in this region. The nuts are the same shape as Pecans, nearly as large as the largest southern varieties, and superior to any of them in quality. The outer shell is lighter colored and a little thicker; the inner shell and divisions are entirely free from the bitterness of the Pecan shell. This variety has fruited here in Central Iowa and matured early and perfectly, and has endured the hard winters unharmed.

**MARQUARDT.** Another Hiccan which resembles Burlington, but is a little smaller, more pointed and a little darker colored. The quality is splendid. The tree is very hardy, a little slower grower than Burlington, and resembles the Hickories more.

**EVERSMAN.** One of the few Shellbark Hickories superior enough to be grafted. Size, very large; shell quite thick, but the meats crack out in halves readily; quality very fine. Native to Des Moines County, Iowa.

## HICKORIES AND HICCANS—Continued

## PRICES of Hickories and Hiccans

	3 to 5 ft	2 to 3 ft	1 to 2 ft	Under 1 ft
Burlington Hiccan . . . . .	\$4.00	\$3.00	\$2.50	\$2.00
Marquardt Hiccan . . . . .	4.00			
Fairbanks Hybrid Hickory . . . . .			2.50	2.00
Eversman Shellbark Hickory . . . . .				2.00

## BLACK WALNUT

**THOMAS.** A native of Pennsylvania. This is the best known and most planted of the grafted varieties. The tree is hardy, very vigorous growing, productive and a very young bearer; switches of but one year's growth often bearing the next season. The nut is large, quite thin shelled and easily cracked, yielding ten pounds per bushel of light colored meats of pleasing quality.

**OHIO.** A vigorous growing, productive variety, named for its native state. The nuts are somewhat flattened and pointed, large and with a fairly thin shell which cracks so a good percentage of the kernels come out in halves. The meats are light colored and of fine flavor.

**STABLER.** A native of Maryland and probably not as hardy as Ohio or Thomas, but a good grower and productive. The nut is medium in size and its shell very thin, often not divided so the meats can be extracted whole. This is far the easiest variety to crack without breaking the meats.

All are one year tops grafted on transplanted stocks.

## PRICES Grafted Walnuts:

	5 to 6 ft	4 to 5 ft	3 to 4 ft	2 to 3 ft	under 2 ft
Thomas . . . . .	\$2.50	\$2.25	\$2.00	\$1.50	\$1.25
Ohio . . . . .		2.25	2.00	1.50	1.25
Stabler . . . . .		2.25	2.00	1.50	1.25

**FILBERTS.** Filberts have not been tested here long enough so that their value can be foretold. A large collection of varieties from various parts of Europe, which are planted on our grounds endured the severe winter a year ago with surprisingly little or no winter injury to the twigs. They grow vigorously in our soil.

We can furnish a limited number of plants of several varieties, especially those listed below, to those who care to try them. Prices and sizes will be quoted on application.

Red Lambert,                    White Lambert,                    Early Globe,  
    Italian Red,                            Ninnas Zeller,                            Barcelona.

**PERSIMMONS—Early Golden.** An Illinois variety which ripens very early, is large, bright golden color and of splendid quality.

**KANSAS.** A medium or small sized variety which ripens just after Early Golden and produces a good percentage of seedless fruit.

**EDRIS.** This variety has been grown in Central Iowa for many years and bears abundant crops of splendid fruit, which matures in late fall.

**GLIDEWELL.** This variety has given good satisfaction in Iowa County Iowa for several years and bears the largest fruit of all.

PRICES	3 to 4 ft	2 to 3 ft	Under 2 ft
Kansas . . . . .		\$1.50	\$1.00
Early Golden . . . . .	2.00	1.50	1.00
Glidewell . . . . .	2.00	1.50	1.00
Edris . . . . .	2.00	1.50	1.00

